
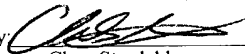


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 9424.202USWO	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/088242	
INTERNATIONAL APPLICATION NO. PCT/NL00/00654		INTERNATIONAL FILING DATE September 15, 2000		PRIORITY DATE CLAIMED September 16, 1999	
TITLE OF INVENTION AIR FRESHENING APPARATUS					
APPLICANT(S) FOR DO/EO/US Petrus Henricus Aloysius Nicolaas KAHN					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau) b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An unsigned oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11. to 16. below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND of SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet; Preliminary Amendment with a Marked-up Copy of Claims and Abstract, Form PCT/IPEA/409 with Amended Sheets, International Publication Page, Form PCT/ISA/210 					

U.S. APPLICATION NO (If known, see 37 C.F.R. 1.5) Unknown 10/088242		INTERNATIONAL APPLICATION NO PCT/NL00/00654		ATTORNEY'S DOCKET NUMBER 9424.202USWO	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)): Search Report has been prepared by the EPO or JPO.....\$890.00 International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)).....\$710.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$740.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO \$1040.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$100.00				CALCULATIONS PTO USE ONLY	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$890.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	13 -20 = 0		X \$18.00	\$0.00	
Independent claims	1 -3 = 0		X \$84.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$260.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$	
SUBTOTAL =				\$890.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$890.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$	
TOTAL FEES ENCLOSED =				\$890.00	
				Amount to be:	
				refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> Check(s) in the amount of \$890.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2725.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO John J. Gresens MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903					
				SIGNATURE:  NAME: John J. Gresens REGISTRATION NUMBER: 33,112	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KUHN
Docket: 9424.202USWO
Title: AIR FRESHENING APPARATUS

<p>CERTIFICATE UNDER 37 CFR 1.10 'Express Mail' mailing label number EV 072821535 US Date of Deposit March 15, 2002 I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, Washington, D.C. 20231</p> <p style="text-align: right;">By:  Name Chris Stordahl</p>
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BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

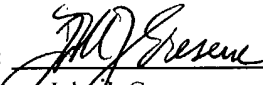
- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 4 pgs; 13 claims.
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 1 sheets of formal drawings
- ☒ An unsigned Combined Declaration and Power of Attorney
- ☒ A check in the amount of \$890.00 to cover the Filing Fee
- ☒ Application Data Sheet, 3 pages.
- ☒ Other: Preliminary Amendment with a Marked-up copy of Claims and Abstract; Form PCT/IPEA/409 with Amended Sheets; International Publication Page; Form PCT/ISA/210
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
Basic Filing Fee								\$890.00
Total Claims								
13	-	20	=	0	x	18.00	=	\$0.00
Independent Claims								
1	-	3	=	0	x	84.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								\$890.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
(612) 332-5300

By: 
Name: John J. Gresens
Reg. No.: 33,112
Initials: JJG/pjk



(PTO TRANSMITTAL - NEW FILING)

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KUHN	Docket No.:	9424.202USWO
Serial No.:	unknown	Filed:	concurrent herewith
Int'l Appln No.:	PCT/NL00/00654	Int'l Filing Date:	September 15, 2000
Title:	AIR FRESHENING APPARATUS		

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 072821535 US

Date of Deposit: March 15, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

By: 

Name: Chris Stordahl

PRELIMINARY AMENDMENT

Box PCT
Assistant Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

In connection with the above-identified application filed herewith, please enter the following preliminary amendment, based on the specification and claims amended in prosecution of the international application and published in the International Preliminary Examination Report, a copy of which is enclosed herewith:

IN THE ABSTRACT

Insert the attached Abstract page into the application as the last page thereof.

IN THE SPECIFICATION

A courtesy copy of the present specification is enclosed herewith. However, the World Intellectual Property Office (WIPO) copy should be relied upon if it is already in the U.S. Patent Office.

IN THE CLAIMS

Please amend claims 3-7, 9-12 and add claim 13 to read as follows:

3. (AMENDED) Air freshening apparatus according to claim 1, characterized in that the metal element is mounted in the lamp glass in the vicinity of, particularly above the location of the wick, when burning.
4. (AMENDED) Air freshening apparatus according to claim 1, characterized in that the holder forms an integral part of the apparatus.
5. (AMENDED) Air freshening apparatus according to claim 2, characterized in that the holder forms an integral part of the lamp glass.
6. (AMENDED) Air freshening apparatus according to claim 1, characterized in that at least part of the holder forms part of the heat conducting means.
7. (AMENDED) Air freshening apparatus according to claim 1, characterized in that the holder is replaceable and that the apparatus is provided with connecting means to connect the holder to the apparatus.
9. (AMENDED) Air freshening apparatus according to claim 1, characterized in that the holder is provided with a porous wick to transport the active component out of the holder.
10. (AMENDED) Air freshening apparatus according to claim 1, characterized in that the holder is provided with one or more openings in the upper part thereof via which openings the active component can evaporate.
11. (AMENDED) Combination of an air freshening apparatus according to claim 7 and a holder for an active component, such as a fragrance.
13. (NEW) Air freshening apparatus according to claim 4, characterized in that the holder forms an integral part of the lamp glass.

REMARKS

The above preliminary amendment is made to remove multiple dependencies from claims 3-7 and 9-12. It is also made to add claim 13.

A new abstract page is supplied to conform to that appearing on the publication page of the WIPO application, but the new Abstract is typed on a separate page as required by U.S. practice.

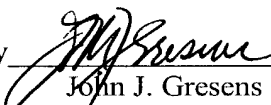
Applicants respectfully request that the preliminary amendment described herein be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, John J. Gresens (Reg. No. 33,112), at (612) 371.5265.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Dated: March 15, 2002

By  _____
John J. Gresens
Reg. No. 33,112

JJG/pjk

MARKED-UP COPY OF CLAIMS

3. Air freshening apparatus according to claim 1 [or 2], characterized in that the metal element is mounted in the lamp glass in the vicinity of, particularly above the location of the wick, when burning.
4. Air freshening apparatus according to [any one of the preceding claims] claim 1, characterized in that the holder forms an integral part of the apparatus.
5. Air freshening apparatus according to claim 2 [and 4], characterized in that the holder forms an integral part of the lamp glass.
6. Air freshening apparatus according to [any one of the preceding claims] claim 1, characterized in that at least part of the holder forms part of the heat conducting means.
7. Air freshening apparatus according to [anyone of the claims 1-3] claim 1, characterized in that the holder is replaceable and that the apparatus is provided with connecting means to connect the holder to the apparatus.
9. Air freshening apparatus according to [any one of the preceding claims] claim 1, characterized in that the holder is provided with a porous wick to transport the active component out of the holder.
10. Air freshening apparatus according to [any one of the preceding claims 1-8] claim 1, characterized in that the holder is provided with one or more openings in the upper part thereof via which openings the active component can evaporate.
11. Combination of an air freshening apparatus according to claim 7 [or 8] and a holder for an active component, such as a fragrance.

[illegible]

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new page 1

13 12 2001

Title: Air freshening apparatus

The present invention relates to an ~~air freshening~~ apparatus, comprising a reservoir with a wick, which reservoir can be filled with a fuel, particularly with lamp oil and comprising a separate holder for an active component.

5 Such an apparatus is known FR-A-1 139 960 which discloses an oil lamp having an reservoir for fuel in which a wick is provided. Above the wick a holder for a fumigation substance, e.g. to fumigate insects, is provided. The bottom of the holder is directly heated by the hot burning gases
10 which rise from the flame.

FR-A-2 510 410 discloses a electric lamp bulb with a holder for perfume. Air, which is heated by the electric lamp bulb is led to a wick which is placed in the perfume which is in the holder. Consequently, the perfume is evaporated
15 through the wick more efficiently by the heated air which is flowing along the wick.

US-A-5 891 400 shows a candle container with a surrounding open top container for receiving and holding a gel containing a vaporizable or diffusable substance that
20 passes from the gel into the surrounding atmosphere after exposure to the thermal energy from the lighted candle.

~~from Dutch patent application NL-A-10.06055. In that~~ discloses an apparatus in which the reservoir is filled with a mixture of a lamp fuel and an active component, such as a
25 fragrance, which mixture is absorbed by a wick. The upper part of the wick is surrounded by a heat conducting bushlike element with openings via which the fragrance evaporates during burning. A shield is present to prevent the evaporated fragrance entering into the flame and getting burned.

30 A disadvantage of a mixture of lamp fuel and fragrance is that the composition of the mixture will not be constant due to a different evaporating rate and to a certain

new page 2

evaporating of the fragrance during the period that the apparatus is not in use, i.e. is not burning.

The purpose of the invention is to improve the known apparatus, particularly with respect to the above
5 disadvantage. Therefore, according to the invention, the air freshening apparatus as described in the preamble is characterized in that the apparatus is an air freshening apparatus further comprising heat conducting means for heat transport from the wick, when burning, to the—a separate
10 holder for thean active component, such as a fragrance, the heat conducting means comprising a metal element which is mounted in the vicinity of the wick at such a distance that, when the wick is burning, the flame heats the metal element.

In a first preferred embodiment the reservoir is
15 provided with a lid holding the wick and with a lamp glass thereabove while in the lamp glass there is mounted a metal element, which forms part of the heat conducting means. In this embodiment the metal element can be mounted in the lamp glass in the vicinity of, particularly above the location of
20 the wick, when burning.

From a constructional point of view the holder can form an integral part of the apparatus. Also the holder can form an integral part of the lamp glass. Further at least part of the holder can form part of the heat conducting means.

25 In a further embodiment the holder is replaceable, while the apparatus is provided with connecting means to connect the holder to the apparatus. In that embodiment at least part of the connecting means or at least part of a contact surface between the holder and the apparatus can form
30 part of the heat conducting means.

The holder can be provided with a porous wick to transport the active component out of the holder. Also the holder can be provided with one or more openings in the upper part thereof via which openings the active component can
35 evaporate. In stead of a porous material, the wick, particularly the wick in the holder, can be formed by a

new page 3

capillary element. Further, the holder can also be provided with a liquid permeable closing element, via which the active component is received by a carrier element, which carrier element can form part of the heat conducting means and serves
5 as an evaporator.

The invention not only relates to an air freshening apparatus, but also to a combination of the above described air freshening apparatus and a holder for an active component, such as a fragrance.

10 The invention also relates to a holder for an active component, such as a fragrance, for use in the above described air freshening apparatus.

The invention will now be described with reference to
15 the enclosed drawing, in which:

Fig. 1 shows a first embodiment of the air freshening apparatus according to the invention; and

Fig. 2 shows a second embodiment of such an air freshening apparatus.

20

The first embodiment of the apparatus according to the invention as shown in fig. 1 comprises a reservoir 1, which is filled with lamp fuel 2 and is closed by a lid 3. Through an opening in the lid 3 a wick 4 is inserted into the lamp
25 fuel in the reservoir 1. A lamp glass 5 is placed on the top of the lid 3. A separate holder 6, filled with an active component 7, such as a fragrance, is provided. In the embodiment shown, the holder 6 forms an integral part of the lamp glass 5. Through an opening in the upper part of the
30 holder 6 a wick 8 is inserted into the active component 7 in the holder 6. In the lamp glass 5 a metal element 9 is mounted in the vicinity of the wick 4, particularly above the wick 4 at such a distance that, when the wick is burning, the flame heats the metal element 9. Heat conducting means are
35 formed by the metal part 5 and at least part of the contact surface 10 between the holder 6 and the lamp glass 5.

new page 4

Particularly, part of the contact surface 10 can be a metal part connected to the metal element 9. When the wick 4 is burning, heat is conducted from the metal element 9 and at least part of the contact surface 10 to the active component 7 in the holder 6, with the consequence that the active component is evaporated via the wick 8.

Fig. 2 shows an embodiment of the apparatus according to the invention, in which a reservoir 11, filled with a lamp fuel 12 is closed by a heat conducting plug 13. Through an opening in the plug 13 a wick 14 is inserted. A separate holder 15, filled with an active component 16, such as a fragrance, is replaceable mounted on a side surface of the reservoir 11, e.g. by clamping means 17. Through the open end of the holder 15 a wick 18 is inserted. The wick 18 reaches out of a bushlike element 19, which is mounted above the opening of the holder 15. The bushlike element 19 is connected is provided with a projection 21, which reaches to above the plug 13 and forms with the plug 13 heat conducting means. When the wick 14 is burning, heat is conducted through the plug 13 and the bushlike element 19 to

the active component 16 in the holder 15, with the consequence that the active component is evaporated via the wick 18. A shield 20 is provided to prevent the evaporated active component entering into the flame and getting burned.

It will be clear that the invention is not restricted to the preferred embodiments shown in the figures. Particularly, it will be clear to the skilled man that many alternatives exist for performing the function of the apparatus discussed. So, the form and size of the reservoir, the holder and the lamp can arbitrarily be chosen. Taking into the heat generated by burning of lamp fuel several, preferably transparent materials can be used; however, the heat conducting means will be of metal.

new page 5

Claims

1. ~~Air freshening apparatus,~~ comprising a reservoir with a wick, which reservoir can be filled with a fuel, particularly with lamp oil and comprising a separate holder for an active component, characterized in that the apparatus is an air
5 freshening apparatus further comprising heat conducting means for heat transport from the wick, when burning, to ~~thea~~ separate holder for ~~thean~~ active component, such as a fragrance, the heat conducting means comprising a metal
10 element which is mounted in the vicinity of the wick at such
a distance that, when the wick is burning, the flame heats
the metal element.
2. Air freshening apparatus according to claim 1, characterized in that the reservoir is provided with a lid holding the wick and with a lamp glass thereabove while in
15 the lamp glass there is mounted a metal element, which forms part of the heat conducting means.
3. Air freshening apparatus according to claim 1 or 2, characterized in that the metal element is mounted in the lamp glass in the vicinity of, particularly above the
20 location of the wick, when burning.
4. Air freshening apparatus according to any one of the preceding claims, characterized in that the holder forms an integral part of the apparatus.
5. Air freshening apparatus according to claim 2 and 4,
25 characterized in that the holder forms an integral part of the lamp glass.
6. Air freshening apparatus according to any one of the preceding claims, characterized in that at least part of the holder forms part of the heat conducting means.
- 30 7. Air freshening apparatus according to anyone of the claims 1-3, characterized in that the holder is replaceable and that the apparatus is provided with connecting means to connect the holder to the apparatus.

new page 6

8. Air freshening apparatus according to claim 7, characterized in that at least part of the connecting means or at least part of a contact surface between the holder and the apparatus forms part of the heat conducting means.
- 5 9. Air freshening apparatus according to any one of the preceding claims, characterized in that the holder is provided with a porous wick to transport the active component out of the holder.
- 10 10. Air freshening apparatus according to any one of the preceding claims 1-8, characterized in that the holder is provided with one or more openings in the upper part thereof via which openings the active component can evaporate.
- 15 11. Combination of an air freshening apparatus according to claim 7 or 8 and a holder for an active component, such as a fragrance.
12. Holder for an active component, such as a fragrance, for use in an air freshening apparatus according to claim 7 or 8.

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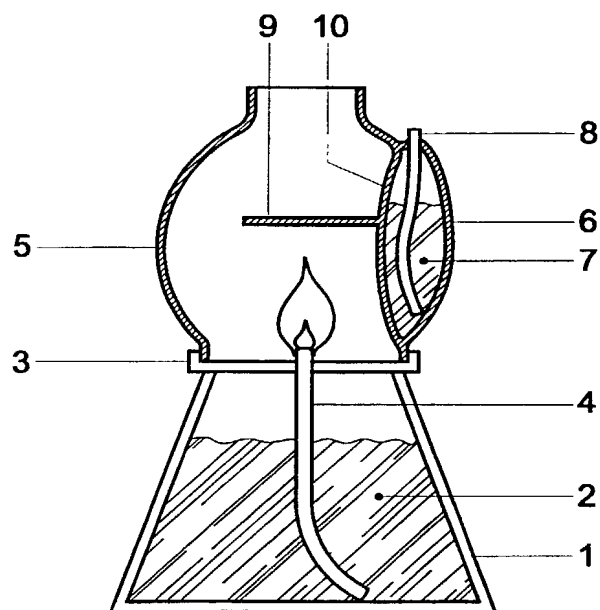


Fig. 1

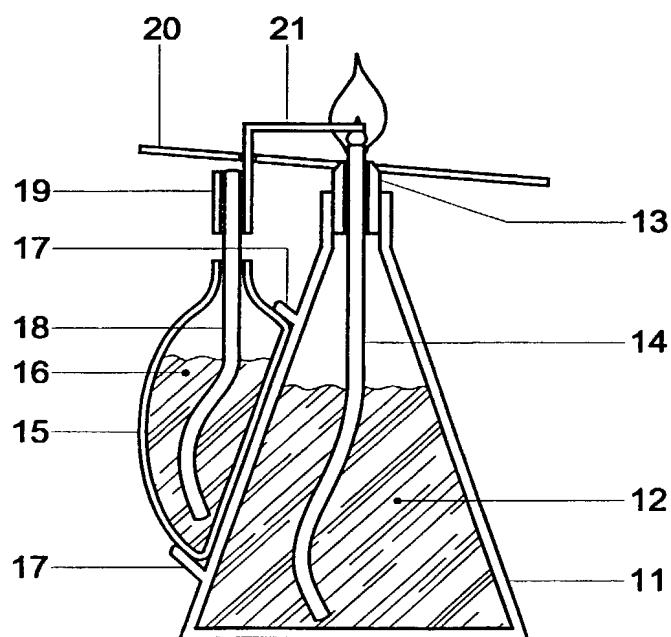


Fig. 2



#4

**Declaration and Power of Attorney Patent Application
(Design or Utility)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Air freshening apparatus".

the specification of which

☐ is attached hereto
☒ was filed on March 15, 2002 as application serial no. 10/088,242
and or PCT International Application number PCT/NL00/00654 and was amended
on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		
Number 99203023.9	Country EP	Day/Month/Year Filed 16 September 1999
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed



I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)	
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. or International Application(s)		
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Attorney	Registration Number
John W. Albrecht	<u>40,481</u>
M. Jeffer Ali	<u>46,359</u>
Gregg I. Anderson	<u>28,828</u>
Brian H. Batzil	<u>32,960</u>
John L. Beard	<u>27,612</u>
John M. Berns	<u>43,496</u>
Bruce E. Black	<u>41,622</u>
John W. Branch	<u>41,633</u>
Dennis C. Bremer	<u>40,528</u>
Steven C. Bruess	<u>34,130</u>
Linda M. Byrne	<u>32,404</u>
Keith Campbell	<u>P-46,697</u>
Alan G. Carlson	<u>25,959</u>
Philip P. Caspers	<u>33,227</u>
James R. Chiapetta	<u>39,634</u>
John A. Clifford	<u>30,247</u>
Richard J. Coldren	<u>44,084</u>
Ronald A. Daignault	<u>25,968</u>
Dennis R. Daley	<u>34,004</u>
Leslie E. Dalglish	<u>40,579</u>
Julie R. Daulton	<u>36,414</u>
Katherine M. DeVries Smith	<u>42,157</u>
Mark J. DiPietro	<u>28,707</u>
Robert T. Edell	<u>20,187</u>
Sandra Epp Ryan	<u>39,667</u>
Robert J. Glance	<u>40,620</u>
Matthew J. Goggin	<u>44,125</u>
Charles E. Golla	<u>26,896</u>
Alan G. Gorman	<u>38,472</u>
John D. Gould	<u>18,223</u>
Richard Gregson	<u>41,084</u>
John J. Gresens	<u>33,112</u>
Samuel A. Hamer	<u>46,754</u>
Curtis B. Hamre	<u>29,165</u>
Kevin C. Harrison	<u>P-46,759</u>
Brett A. Hertzberg	<u>42,660</u>
Randall A. Hillson	<u>31,838</u>
Richard J. Holzer, Jr.	<u>42,868</u>
Scott W. Johnston	<u>39,721</u>
Natalie D. Kadlevitch	<u>34,196</u>
Shaukat Karjeker	<u>34,049</u>
Joseph M. Kastelic	<u>37,160</u>
Denise Kettelberger	<u>33,924</u>
Jeramie J. Keys	<u>42,724</u>
Homer L. Knearl	<u>21,197</u>
Alan W. Kowalchuk	<u>31,536</u>

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Katherine M. Kowalchuk	<u>36,848</u>
Paul E. Lacy	<u>38,946</u>
James A. Larson	<u>40,443</u>
Andrew J. Leon	<u>46,869</u>
Christopher J. Leonard	<u>41,940</u>
Mara E. Liepa	<u>40,066</u>
Timothy A. Lindquist	<u>40,701</u>
Lawrence E. Lycke	<u>38,540</u>
Denise L. Mayfield	<u>33,732</u>
Daniel W. McDonald	<u>32,044</u>
William F. McIntyre, Jr.	<u>44,921</u>
M. Todd Mitchem	<u>40,731</u>
Douglas P. Mueller	<u>30,300</u>
A. Shane Nichols	<u>43,836</u>
Daniel M. Pauly	<u>40,123</u>
Bryan K. Phillips	<u>P-46,990</u>
John B. Phillips	<u>37,206</u>
Paul Prendergast	<u>46,068</u>
Melissa J. Pytel	<u>41,512</u>
Terry Qualey	<u>25,148</u>
John C. Reich	<u>37,703</u>
Earl D. Reiland	<u>25,767</u>
Lisa A. Samuels	<u>43,080</u>
David G. Schmaltz	<u>39,828</u>
Mark D. Schuman	<u>31,187</u>
Micheal D. Schumann	<u>30,422</u>
Timothy B. Scull	<u>42,137</u>
Gregory A. Sebald	<u>33,280</u>
Mark T. Skoog	<u>40,178</u>
Steven J. Spellman	<u>45,124</u>
Kirstin L. Stoll-DeBell	<u>43,164</u>
John P. Sumner	<u>29,114</u>
Erk G. Swenson	<u>45,147</u>
David K. Tellekson	<u>32,314</u>
Jon R. Trembath	<u>38,344</u>
Ido Tuchman	<u>45,924</u>
Marcia A. Tunheim	<u>42,189</u>
Albert L. Underhill	<u>27,403</u>
J. Derek Vandenburg	<u>32,179</u>
John R. Wahl	<u>33,044</u>
Karrie G. Weaver	<u>43,245</u>
Paul A. Welter	<u>20,890</u>
Brian Whipps	<u>43,261</u>
John E. Whitaker	<u>42,222</u>
J. Scott Wickhem	<u>41,376</u>
Douglas J. Williams	<u>27,054</u>
James D. Withers	<u>40,376</u>
Jonelle Witt	<u>41,980</u>
Tong Wu	<u>43,361</u>
Min S. Xu	<u>39,538</u>
Anthony R. Zeuli	<u>46,255</u>

I hereby authorize them or others whom they may appoint to act and rely on instructions from and communicate directly with the person/organization who/which first sends this

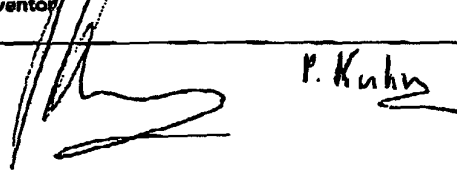


case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instructed otherwise.

Please direct all correspondence in this case to at the address indicated below:

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
United States of America

1-00

Full Name of Sole or First Inventor		
Family Name <u>Kuhn</u>	First Given Name <u>Petrus</u>	Second Given Name <u>Henricus Aloysius Nicolaas</u>
Residence and Citizenship		
City of Residence <u>Den Haag</u>	State or Country of Residence <u>the Netherlands</u>	Country of Citizenship <u>the Netherlands</u>
Post Office Address		
Street Address <u>Hanenburglaan 294</u>	City <u>Den Haag</u>	State & Zip Code or Country <u>2565 HG</u>
Signature of Inventor 		Date <u>1-5-02</u>

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